

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Thumpudi et al.**Application No.** 10/623,338**Filed:** July 18, 2003**Confirmation No.** 3293**For:** MULTI-PASS VARIABLE BITRATE
MEDIA ENCODING**Examiner:** not yet assigned**Art Unit:** 2641**Attorney Reference No.** 3382-66123-01**CERTIFICATE OF MAILING**

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date shown below.

Attorney or Agent
for ApplicantsDate Mailed September 20, 2005**INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. § 1.97(b)(3)**

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Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicants respectfully request that these documents be listed as references cited on the issued patent.

Copies of United States patents and United States published patent applications do not have to be provided to the Patent Office (37 C.F.R. 1.98(a)(2)(ii)). Copies of unpublished U.S. applications do not have to be provided, as long as the application is available on PAIR, as this requirement of 37 C.F.R. § 1.98(a)(2)(iii) has been waived by the United States Patent and Trademark Office pursuant to the Official Gazette Notice on October 19, 2004 (1287 OG 163). Applicants will provide copies of such patents or applications upon request.

Applicants filed this Information Disclosure Statement ("IDS") before the mailing date of a first Office action on the merits. As a result, no fee should be required to file this IDS. However, if the Patent Office determines that a fee is required for Applicants to file this IDS,


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The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in 37 C.F.R. §1.56.

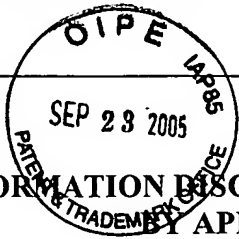
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Docketing



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Attorney Docket Number	3382-66123-01
Application Number	10/623,338
Filing Date	July 18, 2003
First Named Inventor	Thumpudi
Art Unit	2641
Examiner Name	not yet assigned

U.S. PATENT DOCUMENTS

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee
		4,706,260	11.10.1987	Fedele et al.
		4,954,892	9.4.1990	Asai et al.
		5,089,889	2.18.1992	Sugiyama
		5,235,618	8.10.1993	Sakai et al.
		5,317,672	5.31.1994	Crossman et al.
		5,414,796	5.9.1995	Jacobs et al.
		5,586,200	12.17.1996	Devaney et al.
		5,623,424	4.22.1997	Azadegan et al.
		5,661,755	8.26.1997	Van De Kerkhof et al.
		5,787,203	7.28.1998	Lee et al.
		5,825,310	10.20.1998	Tsutsui
		5,926,226	7.20.1999	Proctor et al.
		5,933,451	8.3.1999	Ozkan et al.
		6,058,362	5.2.2000	Malvar
		6,160,846	12.12.2000	Chiang et al.
		6,182,034	1.30.2001	Malvar

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* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS					
Examiner's Initials*	Cite No. (optional)	Number	Publication Date	Name of Applicant or Patentee	
		6,212,232	4.3.2001	Reed et al.	
		6,240,380	5.29.2001	Malvar	
		6,243,497	6.5.2001	Chiang et al.	
		6,278,735	8.21.2001	Mohsenian	
		6,473,409	10.29.2002	Malvar	
		6,522,693	2.18.2003	Lu et al.	
		6,654,417	11.25.2003	Hui	
		6,654,419	11.25.2003	Sriram et al.	
		6,728,317	4.27.2004	Demos	
		6,810,083	10.26.2004	Chen et al.	
		6,895,050	5.17.2005	Lee	
		US-2002/0176624	11.28.2002	Kostrzewski et al.	
		US-2003/0110236	6.12.2003	Yang et al.	
		US 2003/0125932	7.30.2003	Wang et al.	
		US-2005/0015528	1.20.2005	Du	
		US-2005/0084166	4.21.2005	Boneh et al.	

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Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS	
		Li et al., "Optimal Linear Interpolation Coding for Server-Based Computing," <i>Proc. IEEE Int'l Conf. on Communications</i> , 5 pp. (2002).	
		Cliff Reader, "History of MPEG Video Compression – Ver. 4.0," 99 pp., document marked December 16, 2003.	
		Ronda et al., "Rate Control and Bit Allocation for MPEG-4," <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , pp. 1243-1258 (1999).	
		Schaar-Mitrea et al., "Hybrid Compression of Video with Graphics in DTV Communication Systems," <i>IEEE Trans. on Consumer Electronics</i> , pp. 1007-1017 (2000).	
		Vetro et al., "An Overview of MPEG-4 Object-Based Encoding Algorithms," <i>IEEE International Symposium on Information Technology</i> , pp. 366-369 (2001).	
		Printouts of FTP directories from http://ftp3.itu.ch , 8 pp. (downloaded from the World Wide Web on September 20, 2005.)	

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